

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,691,231 B2
APPLICATION NO. : 10/563621
DATED : April 6, 2010
INVENTOR(S) : Hiroshi Ono et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, Item (57) Abstract, Line 12; Change “cat ionic” to --cationic--.

Column 3, lines 12-13; Change “resistance,” to --resistance;--.

Column 4, line 42; Change “10-259592” to --10-259591--.

Column 4, line 52; Before “Japanese” delete “patent”.

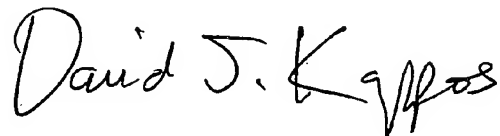
Column 7, line 13; Change “quarternized” to --quaternized--.

Column 8, line 14; Change “hexanonate” to --hexanoate--.

Column 9, lines 21-22; Change “grougwood” to --groundwood--.

Signed and Sealed this

Ninth Day of November, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office